

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

: Group Art Unit: 1631

Grassy et al.

: Examiner: Zeman, M

Application No. 09/359,181

Filed: July 22, 1999

For: METHOD FOR THE PROVISION,
IDENTIFICATION AND DESCRIPTION
OF MOLECULES CAPABLE OF
EXHIBITING A DESIRED BEHAVIOUR,
MORE PARTICULARLY IN THE
PHARMACEUTICAL SECTOR, AND
MOLECULES OBTAINED BY SAID
METHOD

RESPONSE TO RESTRICTION REQUIREMENT

Sir:

In response to the Office Action dated September 15, 2000, please amend the application as follows:

In the Claims:

Amended claims 1, 2, 4, 5, 8-10, 12, 15-18 as follows:

1. (Once Amended) A computer-aided method for the provision, identification and description of molecules exhibiting a desired behaviour, employing a molecular modelling step, a combinatorial library building step and a step of selecting potentially useful molecules, wherein said method includes a step whereby the candidate molecules are filtered [using a] using at least one static filter representing a plurality of descriptors[and or using at least one dynamic filter representing constraints of conformational variations which the molecules must satisfy in order to exhibit said activity].
2. (Once Amended) A computer-aided method for the provision, identification and description of molecules exhibiting a desired behaviour according to claim 1, wherein it includes a [preliminary step of static filtering to reduce the number of candidate molecules and for a subsequent dynamic filtration step.] further step of using at least one dynamic filter representing constraints of conformational variations which the molecules must satisfy in order to exhibit said activity.